

Package: wickraxray (via r-universe)

October 11, 2026

Type Package

Title Data-Driven Market-Microstructure Frame Core

Version 0.2.0

Description R bindings for wickra-xray over its C ABI hub: build an Xray from a spec JSON, drive it with command JSON and read back render frames - the same protocol as the CLI and every other binding.

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URL <https://github.com/wickra-lib/wickra-xray>

BugReports <https://github.com/wickra-lib/wickra-xray/issues>

Encoding UTF-8

NeedsCompilation yes

SystemRequirements the wickra-xray C ABI shared library, downloaded automatically at install time from the matching GitHub release and bundled into the package by configure. Set WKXRAY_INC and WKXRAY_LIB to build against a locally built C ABI instead (e.g. after `cargo build -p wickra-xray-c --release`).

Depends R (>= 4.1)

Config/roxygen2/version 8.0.0

Config/pak/sysreqs libclang-dev

Repository <https://wickra-lib.r-universe.dev>

Date/Publication 2026-10-06 02:58:35 UTC

RemoteUrl <https://github.com/wickra-lib/wickra-xray>

RemoteRef v0.2.0

RemoteSha a487d365ae0fcb4c68657e27e85ec6d97736ba5d

RemoteSubdir bindings/r

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wkxray_command	<i>Apply a command JSON and return the resulting response JSON.</i>
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Description

Apply a command JSON and return the resulting response JSON.

Usage

wkxray_command(xray, cmd_json)

Arguments

- xray An xray handle from [wkxray_new()].
- cmd_json A command JSON string.

Value

The response as a JSON string.

wkxray_new	<i>Build an xray from a spec JSON string.</i>
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Description

Build an xray from a spec JSON string.

Usage

wkxray_new(spec_json)

Arguments

- spec_json A JSON spec string.

Value

A ‘wickra_xray’ handle (an external pointer).

wkxray_version	<i>The wickra-xray library version.</i>
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Description

The wickra-xray library version.

Usage

wkxray_version()

Value

A version string.

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